

What is claimed is:

1. A boat mooring system comprising:
a plurality of rolling elements, each rolling element having an aperture
5 therethrough;
at least one spacing element having an aperture therethrough, wherein the
plurality of rolling elements and the at least one spacing element are placed
alternately on a mooring line by threading the mooring line through the apertures; and
a means for connecting the portion of mooring line, on which the at least one
10 spacing element and the rolling elements are threaded, to a piling.
2. The boat mooring system as set forth in claim 1 wherein the rolling
elements and the spacing elements are made from a water resistant material.
- 15 3. The boat mooring system as set forth in claim 1 wherein the rolling
elements and the spacing elements are made from a material which is resistant to
damage caused by ultraviolet light.
4. The boat mooring system as set forth in claim 1 wherein the rolling
20 elements are made from a material selected from the group consisting of
polyethylene, nylon and plastic.
5. The boat mooring system as set forth in claim 1 wherein the rolling
elements are at least 2.75 inches in diameter.
- 25 6. The boat mooring system as set forth in claim 1 wherein the rolling
elements have a tapered inner surface.
7. The boat mooring system as set forth in claim 1 wherein the spacing
30 elements are made from polyvinyl chloride hose.

8. The boat mooring system as set forth in claim 1 wherein the spacing elements are at least 1 inch in diameter

5 9. The boat mooring system as set forth in claim 1 wherein the spacing elements are at least 3 inches in length.

10 10. The boat mooring system as set forth in claim 1 further comprising at least one stop element for maintaining the rolling elements and the spacing elements in a fixed location along the mooring line.

11. The boat mooring system as set forth in claim 1 wherein the means for connecting the mooring line to the piling is a knot.

15 12. The boat mooring system as set forth in claim 1 wherein the means for connecting the mooring line to the piling is a carabiner.

13. A boat mooring system comprising:

a plurality of rolling elements made from durable, water resistant material which is resistant to damage from ultraviolet light, each rolling element having an aperture therethrough, wherein the inner surface of each of the plurality of rolling elements is tapered;

at least one spacing element made from durable, water resistant material which is resistant to damage from ultraviolet light and having an aperture therethrough, wherein the plurality of rolling elements and the at least one spacing element are placed alternately on a mooring line by threading the mooring line through the apertures;

at least one stop element located along the mooring line in locations such that the at least one spacing element and the rolling elements are maintained at fixed locations along the mooring line; and

a means for connecting the portion of mooring line, on which the at least one spacing element and the rolling elements are threaded, to a piling.

14. A boat mooring system comprising:

a plurality of rolling elements made from durable, water resistant material which is resistant to damage from ultraviolet light, each rolling element having an aperture therethrough, wherein the inner surface of each of the plurality of rolling elements is tapered;

at least one spacing element made from durable, water resistant material which is resistant to damage from ultraviolet light and having an aperture therethrough, wherein the plurality of rolling elements and the at least one spacing element are placed alternately on a mooring line by threading the mooring line through the apertures;

two knots located along the mooring line in locations such that the at least one spacing element and the rolling elements are maintained at fixed locations along the mooring line; and

a carabiner for connecting the portion of mooring line, on which the at least one spacing element and the rolling elements are threaded, to a piling.

15. A method for mooring a boat to a piling, comprising:
placing a first stop near the end of a mooring line to be attached to the piling;
threading a first spacing element, by means of an aperture therein, onto the
mooring line such that the first spacing element is adjacent to the stop and on the long
5 portion of the mooring line;
threading a first rolling element, by means of an aperture therein, onto the
mooring line directly adjacent to the first spacing element;
threading additional spacing elements and rolling elements alternately onto the
mooring line until sufficient line is covered to surround the piling;
10 placing a second stop on the mooring line such that the spacing elements and
rolling elements are held substantially in place;
surrounding the piling with the mooring line between the first and second
stops; and
connecting the end of the mooring line beyond the first stop to the mooring
15 line at a location beyond the second stop.

16. The method for mooring a boat to a piling as set forth in claim 15
wherein the spacing elements and rolling elements are made from a water resistant
material.

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17. The method for mooring a boat to a piling as set forth in claim 15
wherein the spacing elements and rolling elements are made from a material which is
resistant to damage from ultraviolet light.

- 25 18. The method for mooring a boat to a piling as set forth in claim 15
wherein the first and second stops are formed by knotting the mooring line.

19. The method for mooring a boat to a piling as set forth in claim 15
wherein the end of the mooring line beyond the first stop is connected to the mooring
30 line at a location beyond the second stop by a knot.

20. The method for mooring a boat to a piling as set forth in claim 15 wherein the end of the mooring line beyond the first stop is connected to the mooring line at a location beyond the second stop by a carabiner.